



Sun-Pro 4kW Hybrid Solar Inverter



Max PV Input Current 27A



Parallel Scalability



Battery Equalization
Extends Lifecycle



Supports USB On The Go



Simpler

Plug-and-play connectivity
for seamless system integration



Safer

Comply with international quality standards
tested by TUV,BV,Delora etc.



Great Reliability

Built with industrial-grade
components for long-term stability

ANYTIME, ANYWHERE

REMOTE MONITORING PLATFORM

Monitor system performance in
real-time via smartphone app or
web portal using our advanced
monitoring platform

Sun-Pro Series

For more about Sun-Pro Series Hybrid Solar
Inverter please visit www.sunxpv.com

www.sunxpv.com/shop



HYBRID SOLAR INVERTER

Sun-Pro 4kW

MODEL	SunPro 4kW
RATED POWER	4000VA/4000W
PARALLEL CAPABILITY	Yes, 6 Units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC + 5%
Surge Power	8000VA
Efficiency (Peak)	90~93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	5000w
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Operation	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D x W x H (mm)	119 x 313.6 x 457.5
Net Weight (kgs)	10
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid Shutdown, AFCI detection
External Current Sensor Port	Yes, Built-in current Transformer sensor
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE



Sun-Pro 6kW Hybrid Solar Inverter



Max PV Input Current 27A



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HYBRID SOLAR INVERTER

Sun-Pro 6kW

MODEL	SunPro 6kW
RATED POWER	6000VA/6000W
PARALLEL CAPABILITY	Yes, 9 Units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC + 5%
Surge Power	12000VA
Efficiency (Peak)	90~93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	8000w
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Operation	120~500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	100A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid Shutdown, AFCI detection
External Current Sensor Port	Yes, Built-in current Transformer sensor
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE



Sun-Pro 8kW Hybrid Solar Inverter



Max PV Input Current 27A



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HYBRID SOLAR INVERTER

Sun-Pro 8kW

MODEL	SunPro 8kW
RATED POWER	8000VA/8000W
PARALLEL CAPABILITY	Yes, 6 Units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC + 5%
Surge Power	16000VA
Efficiency (Peak)	90~93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	10000w
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Operation	120~500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	147 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid Shutdown, AFCI detection
External Current Sensor Port	Yes, Built-in current Transformer sensor
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE



Sun-Pro 11kW Hybrid Solar Inverter



Max PV Input Current 27A



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HYBRID SOLAR INVERTER

Sun-Pro 11kW

MODEL		SunPro 11kW
RATED POWER		11000VA/11000W
PARALLEL CAPABILITY		Yes, 6 Units
INPUT		
Voltage		230 VAC
Selectable Voltage Range		170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range		50 Hz/60Hz (Auto Sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)		230VAC + 5%
Surge Power		22000VA
Efficiency (Peak)		90~93%
Transfer Time		10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform		Pure Sine Wave
BATTERY		
Battery Voltage		48 VDC
Floating Charge Voltage		54 VDC
Overcharge Protection		66 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type		MPPT
Maximum PV Array Power		12500w (6250w x2)
MPPT Range @ Operating Voltage		90 ~ 450 VDC
Maximum PV Array Operation		120~500 VDC
Maximum PV Input Current		27A x2 (40A)
Maximum Solar Charge Current		150A
Maximum AC Charge Current		150A
Maximum Charge Current		150A
PHYSICAL		
Dimension, D x W x H (mm)		147 x 432.5 x 553.6
Net Weight (kgs)		18.4
Communication Interface		USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid Shutdown, AFCI detection
External Current Sensor Port		Yes, Built-in current Transformer sensor
OPERATING ENVIRONMENT		
Humidity		5% to 95% Relative Humidity (non-condensing)
Operating Temperature		-10°C to 50°C
Storage Temperature		-15°C to 60°C
STANDARD		
Compliance Safety		CE